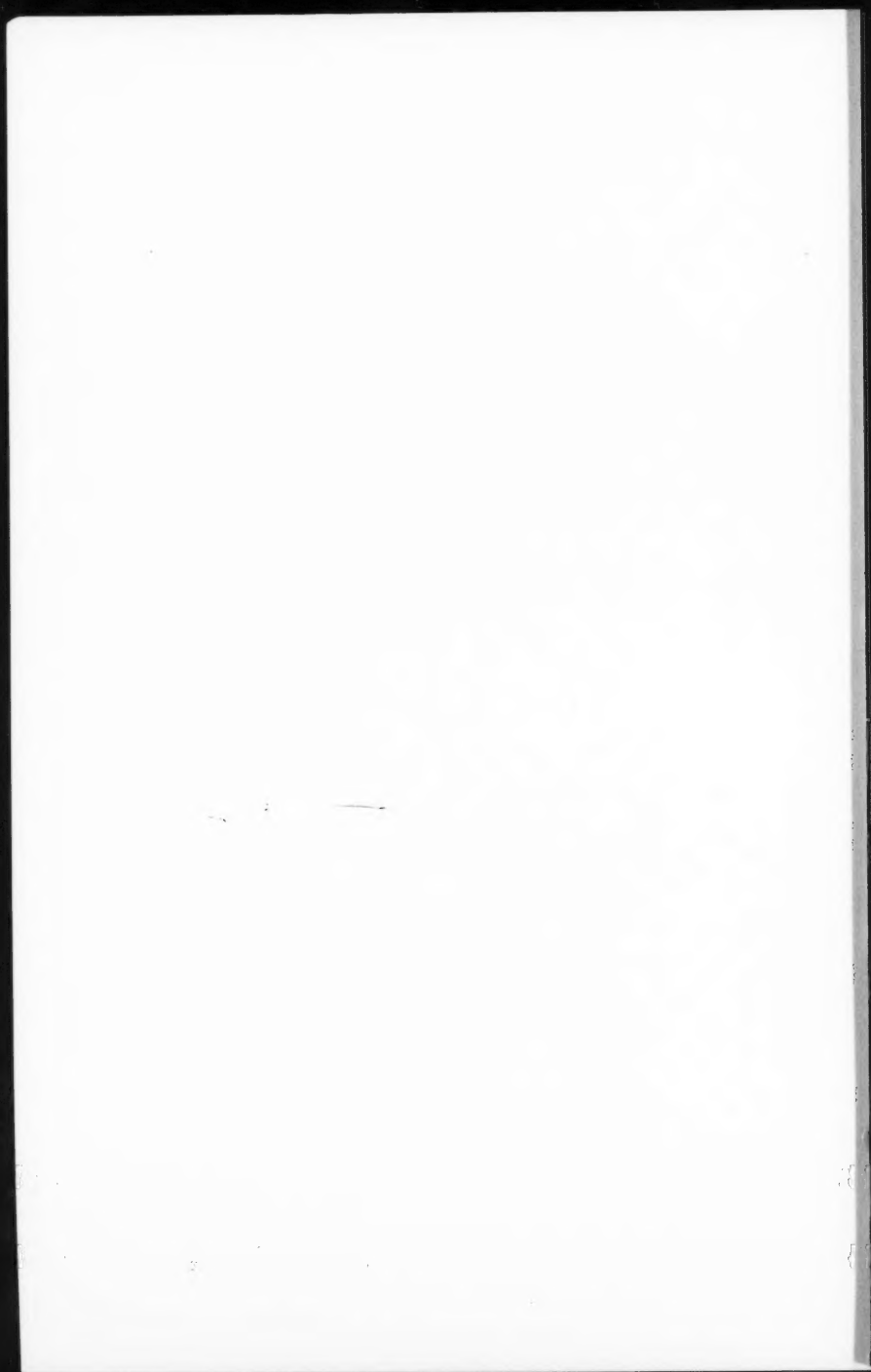


ASCE

1972

COMBINED INDEX





ASCE

1972

*Journals (Proceedings)
Civil Engineering,
Transactions,
Manuals and Reports,
and
Miscellaneous Publications*

\$5.00 (net)



INDEX TO 1972 ASCE PUBLICATIONS

* FOREWORD

The 1972 index, which provides a guide to information published by ASCE during 1972, combines material appearing in the Journals (Proceedings Vol. 98), CIVIL ENGINEERING (Vol. 42), Transactions (Vol. 137), Manuals and Reports, and Miscellaneous Publications.

The user will find all articles and papers dealing with specific subject areas listed under one or more appropriate subject headings suggested by the content and application of the paper. The Engineers Joint Council "Thesaurus of Engineering Terms" has been used as the primary source of index terms. The Water Resources Thesaurus of the U.S. Department of the Interior and the Micro-Thesaurus compiled by the Soil Mechanics and Foundations Division of ASCE were also used.

The Index can be used in conjunction with the information-retrieval cards printed in the front of each Journal and to the rear of CIVIL ENGINEERING. The underlined and bold key words on the information-retrieval cards are the words used as index terms in the 1972 Index.

The name index contains entries indexed under the names of authors, co-authors, discussers, chairmen of committees preparing reports, and deceased members whose memoirs appeared in Transactions.

In the name index, the entry for a Proceedings Paper (under the first name if more than one author) is supplemented by information concerning the discussion, closure, and Transactions digest, if applicable. To find what discussion, if any, there has been for a Proceedings Paper located in the subject index, the reader looks under the entry for the first-named author in the name index. When discussion of a paper from a prior year is published, the original entry is repeated. Discussion over a period of time can be traced until the closure to the paper is located.

When the paper appears in Transactions, the complete entry including original paper, discussion, closure, errata (if applicable), and Transactions citation appears in the name index. The subject entry contains a citation to the original paper and the Transactions reference.

Typical abbreviations used herein are:

Dsc for discussion

Clo for closing discussion

Corr for corrections

Err for errata

Chmn for Chairman of a committee submitting a report

TR for Transactions

TN for Technical Note

In 1972 the American Society of Civil Engineers updated Manual and Report on Engineering Practice No. 40—Ground Water Management, and Manual and Report on Engineering Practice No. 34—Definitions of Surveying and Associated Terms was revised by a joint committee of the American Society of Civil Engineers and the American Congress on Surveying and Mapping. These publications have also been indexed under appropriate key words.

Items indexes from ASCE Miscellaneous Publications have the following symbols in the references:

1. URC—Symposium on Underground Rock Chambers, January 13-14, 1971
2. BDACE—A Biographical Dictionary of American Civil Engineers, ASCE Historical Publication No. 2, 1972
3. AKATS—Airports—Key to the Air Transportation System, April 14-16, 1971
4. RM13—Stability of Rock Slopes—Proceedings of 13th Symposium on Rock Mechanics, Aug. 30-Sept. 1, 1971
5. OIDS—Optimization of Irrigation and Drainage Systems, October 6-8, 1971
6. PES—Performance of Earth and Earth-Supported Structures, June 11-14, 1972
7. IAWM—Interdisciplinary Aspects of Watershed Management, Aug. 3-6, 1970
8. CPB—City Planning Bibliography—A Basic Bibliography of Sources and Trends, 1972
9. RNCE—Research Needs in Civil Engineering Relevant to the Goals of Society, 1971
10. EHRA—The Economics of High-Rise Apartment Buildings of Alternate Design Configuration, by Richard D. Steyert, 1972
11. IRS—Age of Changing Priorities for Land and Water, 1972
12. MTI—Man/Transportation Interface, Specialty Conference, May 31-June 2, 1972
13. SRMS—Specialty Conference on the Safety and Reliability of Metal Structures, Nov. 2-3, 1972

14. CRTB—Current Research on Tall Buildings, 1972
15. ECCD—Economical Construction of Concrete Dams, 1972
16. CE13—Thirteenth Coastal Engineering Conference, 1972

Preprints are indicated by the words Preprint and the preprint number and date. They were presented at ASCE National Meetings as follows:

<i>Preprints</i>	<i>Meeting</i>	<i>City</i>	<i>Date</i>
1571-1638	Water Resources Engineering Meeting	Atlanta, Ga.	Jan. 24-28, 1972
1639-1728	Structural Engineering Meeting	Cleveland, Ohio	April 24-28, 1972
1729-1784	Transportation Engineering Meeting	Milwaukee, Wis.	July 17-21, 1972
1785-1866	Annual and Environmental Engineering Meeting	Houston, Texas	Oct. 16-22, 1972

Journal Abbreviations: Construction (CO), Engineering Mechanics (EM), Hydraulics (HY), Irrigation and Drainage (IR), Power (PO), Sanitary Engineering (SA), Soil Mechanics and Foundations (SM), Structural (ST), Surveying and Mapping (SU), Transportation Engineering (TE), Urban Planning and Development (UP), and Waterways, Harbors, and Coastal Engineering (WW). Papers sponsored by the Department of Professional Activities appear in "Engineering Issues—Journal of Professional Activities" and are identified by the symbols (PP). Papers appearing in the Transportation Engineering Journal of ASCE include papers approved by the Air Transport, Highway, Pipeline and Urban Transportation Divisions.

The original publication can be found from the index entry as follows: Papers appearing in the Journals (Proceedings) are listed as:

SM4:Apr72:327:8827

which would indicate a paper published in the Journal of the Soil Mechanics and Foundations Division, April 1972 on page 32, as Proceedings Paper 8827.

The Transactions entry

TR:137:536

indicates that the Digest appears in Transactions, Volume 137, on page 536.

Articles and news items published in CIVIL ENGINEERING are represented as:

which states that the article appeared in CIVIL ENGINEERING in the August 1972 issue on page 52.

In addition to articles, the following Departments of CIVIL ENGINEERING are indexed: ASCE News, Engineers Notebook, News Briefs, The Readers Write, and The Younger Viewpoint.

Items indexed from Vol. 98 (1972) of the Journals are identified by months. The number of Journals published by a Division in 1972 can be obtained from the number after the last Division abbreviation, i.e., SM12: Dec 1972 identifies the twelfth issue of the Journal of the Soil Mechanics and Foundations Division. The complete list of paper numbers and Journals is as follows:

Month	Paper numbers	CO	EM	HY	IR	PO	PP	SA	SM	ST	SU	TE	UP	WW
Jan	8617-8679			1			1		1	1				
Feb	8680-8747		1	2				1	2	2		1		1
March	8748-8796	1		3	1				3	3				
April	8797-8857		2	4			2	2	4	4				
May	8858-8923			5					5	5		2		2
June	8924-8999		3	6	2	1		3	6	6				
July	9000-9075			7			3		7	7	1		1	
Aug.	9076-9154		4	8				4	8	8		3		3
Sept.	9155-9220	2		9	3				9	9				
Oct.	9221-9304		5	10		2	4	5	10	10				
Nov	9305-9389			11					11	11	2	4		4
Dec	9390-9458		6	12	4			6	12	12				

This annual index has been composed using magnetic tapes of all 1972 entries. To make future issues more useful, interested persons should submit their suggestions for further improvement to:

Director of Publications Services
ASCE
345 East 47th Street
New York, New York 10017

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Dissolved Oxygen Improvement by Hydroelectric Turbine Aspiration, Donald C. Raney and Terry G. Arnold, Preprint No.1854, Oct 72

Water and Sewage Sludge Absorption by Solid Waste, Ralph Stone and Richard L. Kahle, SA5:Oct 72:731-9250

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